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I hereby certify that the attached documents are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: United States Patent and Trademark Office, Commissioner for Patents, Mail Stop Non-Fee Amendment, P.O. Box 1450, Alexandria, VA 22313-1450.

DATED this 16<sup>th</sup> day of January, 2004.

Respectfully submitted,



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Registration No. 42,074  
Attorney for Applicant

Attorney docket: 12636.001  
Serial No.: 10/000,297

Second Supplemental Reply Under 37 C.F.R. 1.111 with Amendment



1-20-04

3731

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: S. Wang *et al.* )  
Application No.: 10/000,297 )  
Filed: December 4, 2001 )Art Unit 3731  
For: A POLYMER AND NERVE GUIDE )  
CONDUITS FORMED THEREOF )  
Examiner: Paul A. Roberts )

**SECOND SUPPLEMENTAL REPLY UNDER 37 C.F.R. 1.111**  
**WITH AMENDMENT**

United States Patent and Trademark Office  
Commissioner for Patents  
Mail Stop Non-Fee Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Honorable Commissioner:

In response to the Notice of Non-Compliant Amendment filed on January 7, 2004 ("Notice") and in further response to the Office Action dated July 17, 2003 ("Office Action"), Applicants submit herewith this Second Supplemental Reply with Amendments and Remarks. This Second Supplemental Reply further supplements the Reply with Amendment and Petition for Extension of Time previously filed on December 15, 2003, and the Supplemental Reply filed on January 8, 2004, and provides the necessary corrections as required by the Notice. This paper is intended to be fully responsive to each of the points made by the Examiner in the Notice and Office Action.

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**Amendments**

Please amend the above-identified application as follows:

**Amendments to the Claims** are on page 3 of this paper.

**Remarks** begin on page 19 of this paper.